HACETTEPE UNIVERSITY ENGINEERİNG DEPARTMENT COMPUTER ENGINEERİNG

LESSON

BBM405 FUNDAMENTALS OF ARTİFİCİAL INTELLİGENCE

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NAME: TAHA BAŞKAK
21228104

ALGORİTHM DESİGN

Part 1:

> *"shoppinglist(Home, Object1, Object2, Object3) :-*
> *accessible(Home, Market1, Transportation), open(Market1),*
> *sells(Market1,Object1), stock(Market1,Object1),*
> *accessible(Home, Market2, Transportation), open(Market2),*
> *sells(Market2,Object2), stock(Market,Object2),*
> *accessible(Home, Market3, Transportation), open(Market3),*
> *sells(Market3,Object3), stock(Market3,Object3)."*

Shoppinglist take three argümans. After controling accessible markets for transportation.Then controling open markets,then controling sells objects,lastly controling stockmarkets for object.After controling create shoppinglist.

Part 2:

> *"travelcity(mycity,finalcity) :- connected(mycity,finalcity).*
> *travelcity(mycity,finalcity) :- connected(mycity,X) , travelcity(X,finalCity)."*

TravelCity take two argümans which are mycity and finalcity.After connected control each other if no connected each other, so first city arrive which city,after this city arrived city and this operation recursive and final city , create path